. INFORMATION DISCLOSURE CITATION					Application Number  A253-1 1 10/088,553  Applicant(s)					
,,	111110	(Use several sheets if neces			Motoya Iwasaki					
	•				Filing Date March 19,		Group Art Unit	2186		
					•	, 2002		2180		
				U.S. PAT	TENT DOCUMENTS					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	l .	G DATE OPRIATE	
1		5,627,855	05/06/1997	Davido	vici					
0118	1				77/3					
JUN 0 9		i.					-			
	.6			ļ						
RADEM	BIS						RECEIV	ED		
							JUN 1 0 2	ł		
						<b></b>		0100		
							chnology Gen	<del>ter 2100</del>	****	
			· <del>,</del>	FOREIG	N PATENT DOCUMEN	TS				
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO	
				ļ <u>-</u>						
					DOCUMENTS (Includ	ling Author, Title, l	Date, Pertinent Pa	ges, Etc.)		
ED)		European Search Rep	ort dated April 25.	, 2003.						
					· ·			-		
EXAMINE	R	Beppe			DATE CONSIDERED	12/23/	03			
EXAMINEI not consider	R: Initia	al if citation considered, whether	r or not citation is in t communication to	conformar applicant.	ice with MPEP Section 60	9; Draw line thro	ugh citation if not	in conform	ance and	
								-		

				12.11	Docket Number (Optional)		Application Number	
	INFO	RMATION DISCLOSUR		1	A253-1 Applicant(s) Motoya Iwasaki		10/	088,553
		(Use several sheets if neces	sary)	. 1	Filing Date		Group Art Unit	
		•		į	March 19, 200		-	2186
				U.S. PATI	ENT DOCUMENTS			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B		5,627,855	05/06/97	Davidov	rici			
BD	3	5,715,276	02/03/98	Tran et	al.			
APR 2 8 2	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					F	RECEI	VED
	SE SE					<u>-</u>	APR 2 9	
RADEMA						Te	chnology Ce	
		<u></u>						
							BFC	EIVED
								1 4 2003
								gy Center 2600
				FOREIGN	PATENT DOCUMENTS		E	<b>7</b>
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation YES NO
			- 10° E		OCUMENTS (Including A	Author, Title, L	ate, Pertinent Pag	es, Etc.)
6		European Search Rep	ort dated January	30, 2003.			<del></del>	
120	'							
		· ·	· ·					
EXAMINE	R	Begge			DATE CONSIDERED	12/23/	03	
		d if citation considered, whether e copy of this form with next con						conformance and not
				7.833	/DEV/04			

INFORMATION DISCRIPTION COLUMENTS  U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  NAME  CLASS  SUBCLASS  FILING DATE  FAMFORDRATE  PAPFORDRATE  FUND  TECHNOLOGY  CENTER  OCCUMENT NUMBER  CASS  SUBCLASS  FILING DATE  FAMFORDRATE  FAMFORDRATE  FAMFORDRATE  FAMFORDRATE  FOREIGN PATENT DOCUMENTS  COUNTRY  CLASS  SUBCLASS  TRANSCRATION  YES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.				ATTY DOCKET NO. A253-1		10/0	088,553	
U.S. PATENT DOCUMENT  DATE  NAME  CLASS  SUBCLASS  FANCIDATE  IF APPROPRIATE  INTIMA  RECE VED  JUL 2 2002  Technology Center 2100  FOREIGN PATENT DOCUMENTS  COUNTRY  COUNTRY  CLASS  SUBCLASS  FANCIDATE  IF APPROPRIATE  IF	, I	INFORMATION DISOLOGURE	Motoya Iwasaki					
SUBCLASS SUBCLASS FLANG DATE  NAME  OCCUMENT MARGE  DATE  NAME  OCCUMENT MARGE  DATE  NAME  CLASS  SUBCLASS  FLANG DATE  F APPROPRIATE  F APP		(Use several sheets if necessary	· (ענו	FILING				
PATE DOCUMENT NUMBER  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  FIRING DATE  # APPROPRIATE  FUND  PRECEIVED  JUL 2 2002  Technology Center 2100  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION  YES  NO  TOTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.		JUN 1 9 2002	<u> </u>		2	Un	known	
FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  CASS SUBCLASS TRANSLATION YES IND  OCCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES IND  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.		1	U.S. PA	TENT DOCUMENTS		T		
FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  CASS SUBCLASS TRANSLATION YES IND  OCCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES IND  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.	*EXAMINER	DOCUMENT NO OF MARKET	DATE	NAME	CLASS	SUBCLASS	1	
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno	INITIAL							
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno				<u> </u>				
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno						<u> </u>		
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno						<u> </u>		
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno							30 ( ) 1 1 1 1	
Technology Center 2100  Technology Center 2100  Technology Center 2100  Tochnology Center 2100  Tochno						RECE	IVED	
FOREIGN PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATION   YES   NO						1		
FOREIGN PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATION   YES   NO						1		
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.					16	chnology	Center 2100	
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.								
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.								
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.					1			
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.					1			
DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES  NO  VES  NO  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.								
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.			FOREIGN	PATENT DOCUMENTS	· -	<del></del>	T	
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS		
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED								
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED								
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED			<u> </u>					
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED								
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED								
International Search Report (PCT Form 210) dated December 19, 2000.  International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.  DATE CONSIDERED					6.2.0		4	
International Preliminary Examination Report (PCT Form 409) dated May 10, 2001, with English translation.		OTHER DOCUME	NTS (Including A	Author, Title, Date, Pertinent	Pages, Etc.	)		
EVAMINED DATE CONSIDERED / / 2		International Search Re	port (PCT Form 210	) dated December 19, 2000.				
EVAMINED DATE CONSIDERED / / 2	BT							
EVAMINED DATE CONSIDERED / / 2	,	International Prelimina	ry Examination Rep	ort (PCT Form 409) dated May	10, 2001, with	English trans	slation.	
EVAMINED DATE CONSIDERED / / / 3	B					-		
EYAMINED DATE CONSIDERED / / C								
EXAMINER PALADE DATE CONSIDERED 12/23/03.	EXAMINE	R Bonn -		DATE CONSIDERED	2/23/0	3,		
, and f	+FV44***	10091					conformance and not	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					mie unough c	atation is not in	comormance and not	

				ATTY DOCKET NO. A253-1		10/0	088,553		
	INFOR	MATION DISCLOSURE	CITATION :	Motoya Iwasaki					
		MATION DISCLOSURE (Use several sheets if necess JUN 1 9	2002 u:	FILING GROUP Unknown					
		B.	U.S. P	ATENT DOCUMENTS					
*EXAMINER		DOCUMENT NUMBER OFM	DATE	NAME	CLASS	SUBCLASS	FILING DATE  IF APPROPRIATE		
INITIAL									
	11-11				-				
					RE	CEIVI ul. 2 4 201 oogy Cent	<u> - D.</u>		
					<del>                                     </del>	<u>ul 2 4 201</u>	12		
					Techn	ology Cent	2100		
						57			
			FOREIG	N PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
· · · · · ·	1 -					-			
	+ +					-			
	-								
	<u> </u>	OTHER DOCUM	ENTS (Including	Author, Title, Date, Pertinent	Pages Etc				
	П	Written Opinion (PCT			- ages, Etc	-/			
BD									
110		Transmittal Letter (PC	T Form 416) dated	May 22, 2001.					
BD									
EXAMINE	R	Beppe		DATE CONSIDERED	12/23	103			
*EXAMIN considere	ER: Initial	if reference considered, whetle e copy of this form with next co	ner or not citation is in ommunication to appli	conformance with MPEP 609; Draw cant.	w line through	citation if not in	conformance and not		

## INFORMATION DISCLOSURE 6 TION (Use several sheets if necessary)

Docket Number (Optional)

A253-1

Motoya Iwasaki

Applicant(s)

1 9 MAR 2002

Filing Date

**Concurrently Herewith** 

Group Art Unit

Not Yet Assigned

U.S. PATENT DOCU
------------------

			<del>,</del>		-			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
							***	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DOCUMENT NUMBER DATE COUNTRY	CLASS	SUBCLASS	Translation		
						00000.000	YES	NO
Ph		2850959 A raj	11/13/98	Japan				1
BD		8-88587 X reg 1-6,20	4/2/96	Japan				1
BD		2000-196498 X 1 P	7/14/00	Japan				/
BD		10-178334 A, P	6/30/98	Japan				1

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

XAMINER	PALPR	DATE CONSIDERED 12/23/03	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.